

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003488.D
 Acq On : 20 Jul 2018 02:46
 Operator : JC/SP
 Sample : J3170-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-071118

Quant Time: Jul 20 05:18:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185611	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	183798	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	
50) Toluene-d8	8.72	98	625253	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	211959	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

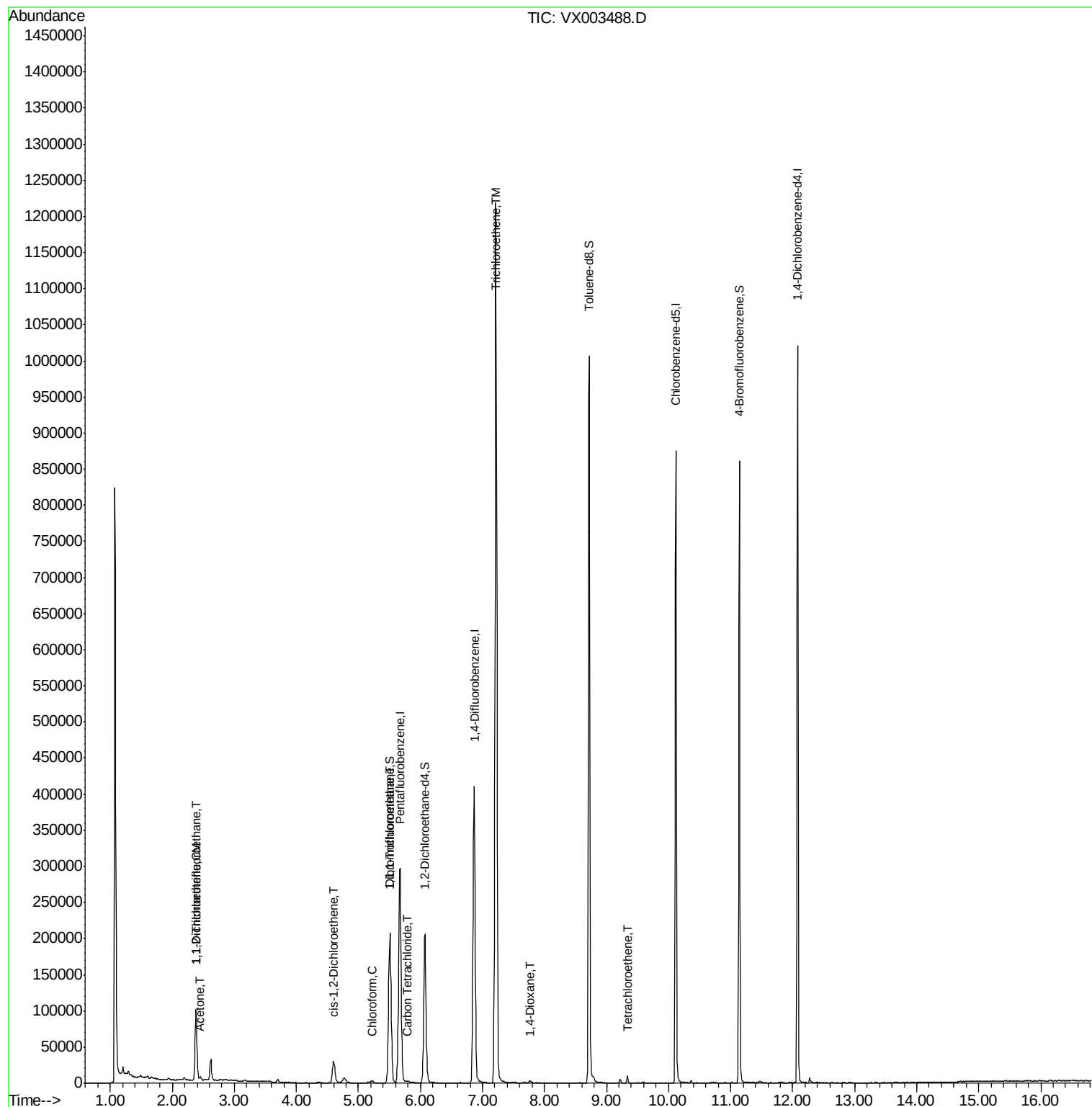
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29680	8.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	13590	4.14	ug/l	91
16) Acetone	2.45	43	3412	2.37	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	16889	4.15	ug/l	68
30) Chloroform	5.22	83	3065	0.49	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	2265	0.42	ug/l #	48
38) Carbon Tetrachloride	5.78	117	1661	0.36	ug/l #	77
44) Trichloroethene	7.21	130	514261	120.52	ug/l	100
49) 1,4-Dioxane	7.76	88	2028	24.88	ug/l	89
64) Tetrachloroethene	9.34	164	1884	0.37	ug/l	95

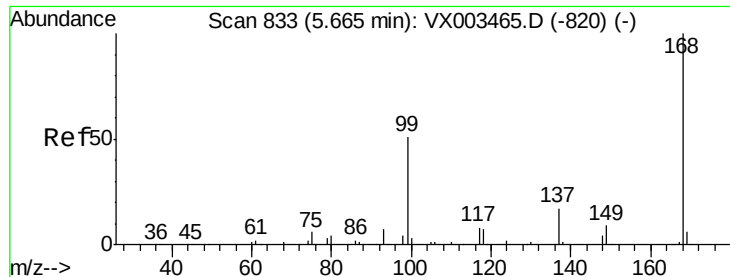
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003488.D
Acq On : 20 Jul 2018 02:46
Operator : JC/SP
Sample : J3170-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-071118

Quant Time: Jul 20 05:18:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

Instrument :

MSVOA_X

ClientSampleId :

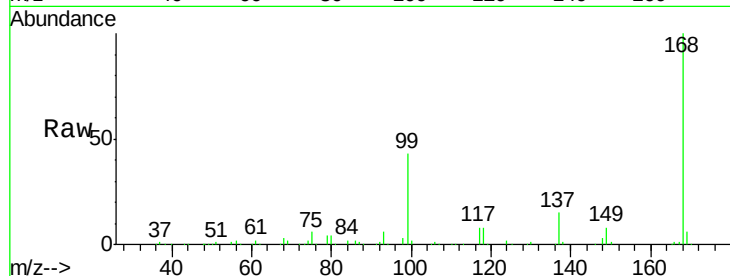
RE125D2-071118

Tot Ion:168 Resp: 321380

Ion Ratio Lower Upper

168 100

99 43.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

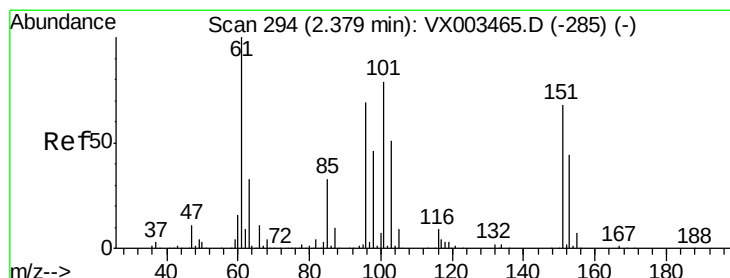
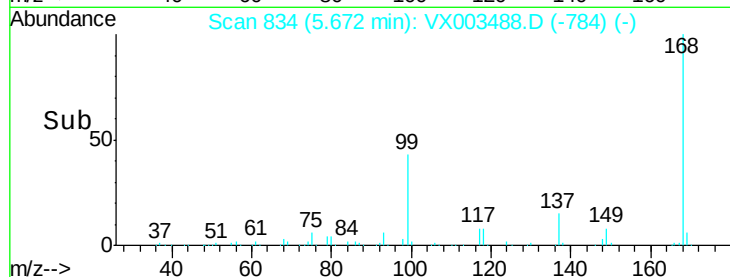
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

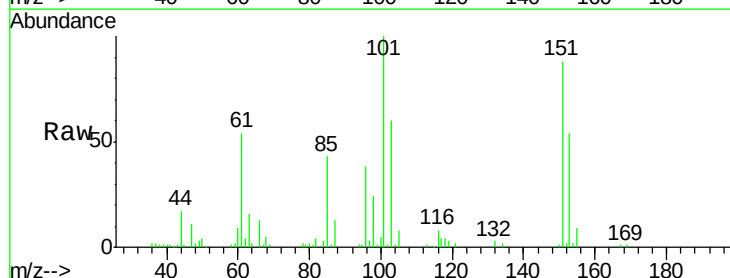
Tgt Ion:101 Resp: 29680

Ion Ratio Lower Upper

101 100

85 42.2 36.0 54.0

151 88.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

20000

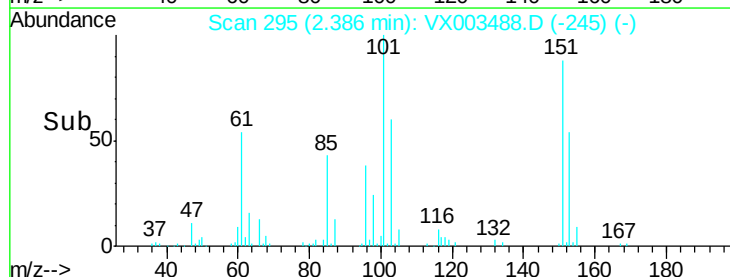
15000

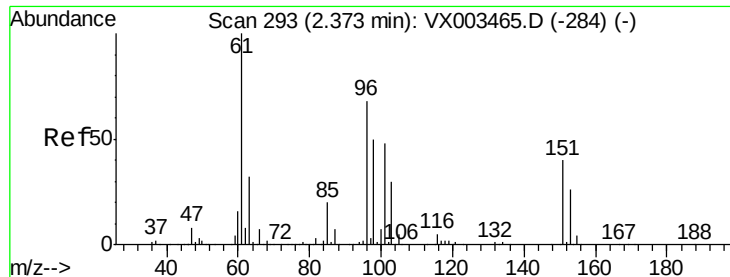
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 4.14 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-071118

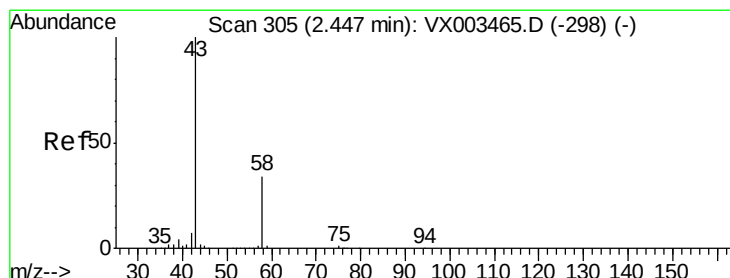
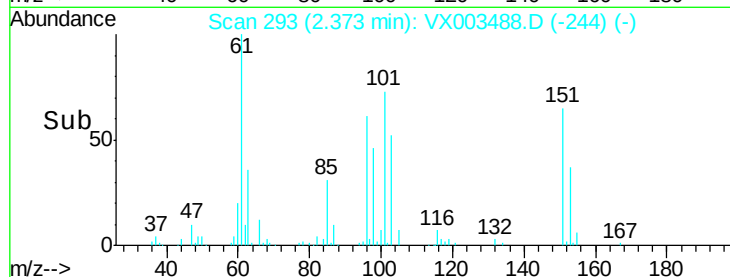
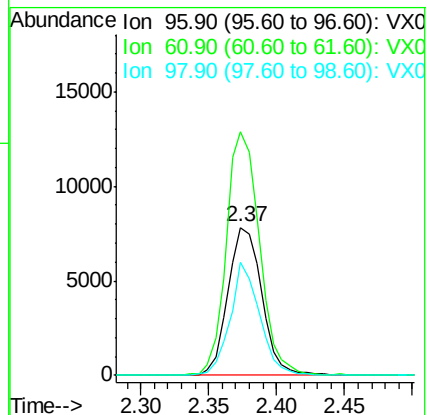
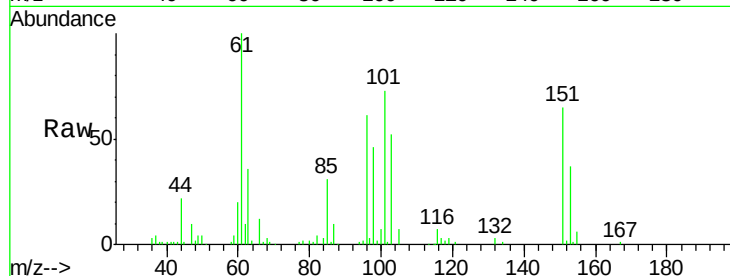
Tot Ion: 96 Resp: 13590

Ion Ratio Lower Upper

96 100

61 163.5 137.9 206.9

98 76.0 51.6 77.4



#16

Acetone

Concen: 2.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003488.D

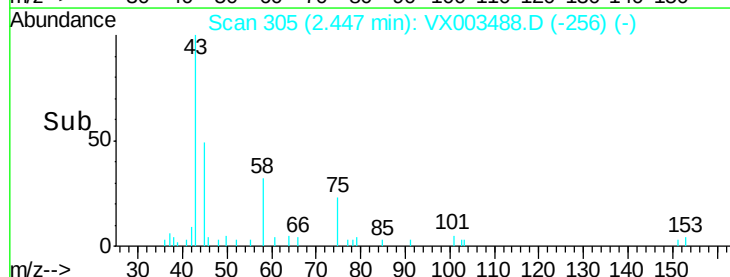
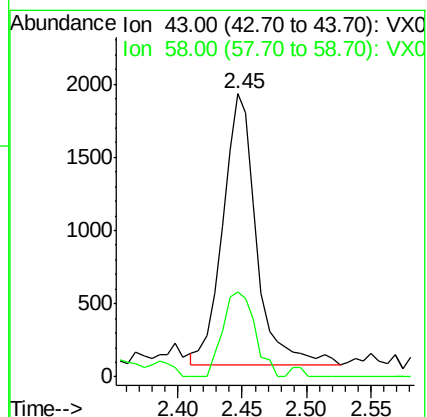
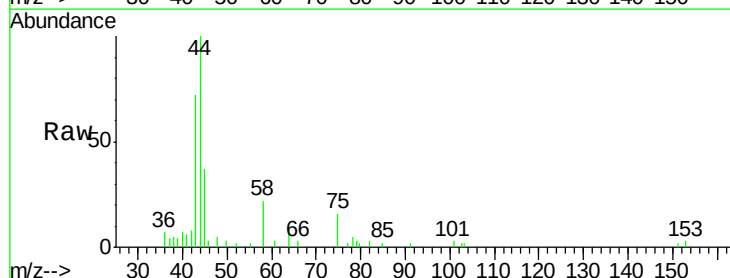
Acq: 20 Jul 2018 02:46

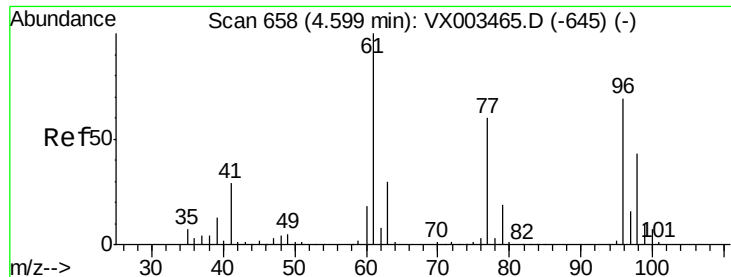
Tgt Ion: 43 Resp: 3412

Ion Ratio Lower Upper

43 100

58 31.3 22.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 4.15 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-071118

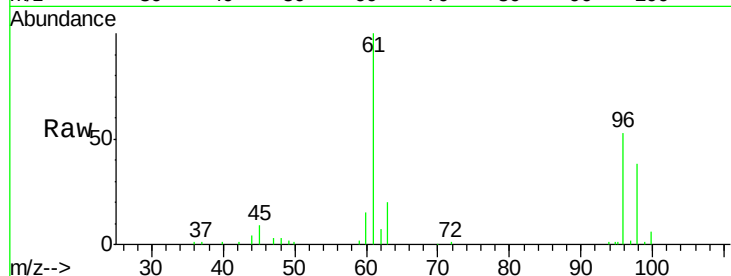
Tot Ion: 96 Resp: 16889

Ion Ratio Lower Upper

96 100

61 223.8 0.0 330.2

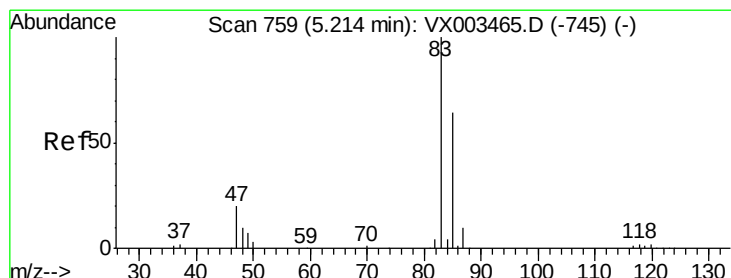
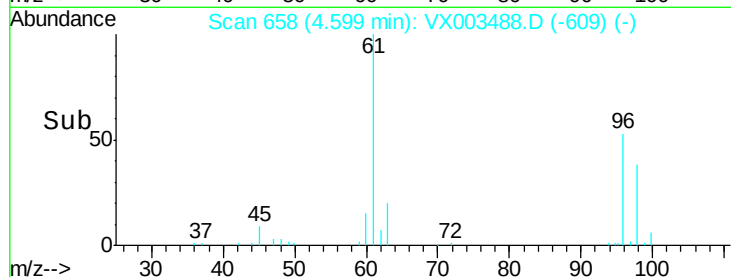
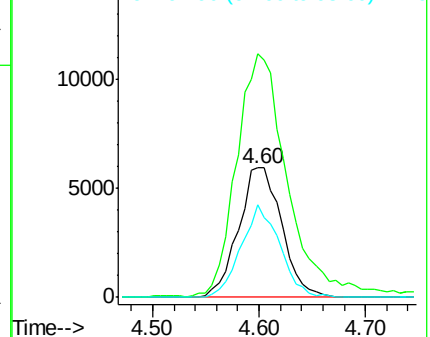
98 64.2 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 0.49 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003488.D

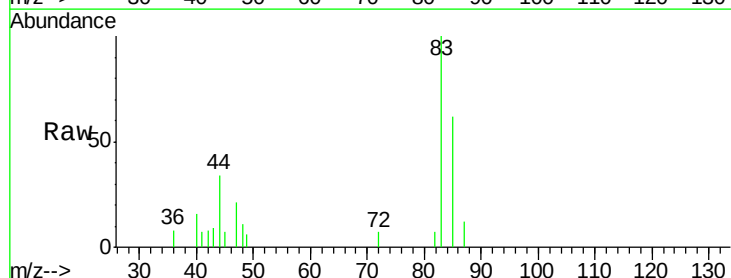
Acq: 20 Jul 2018 02:46

Tgt Ion: 83 Resp: 3065

Ion Ratio Lower Upper

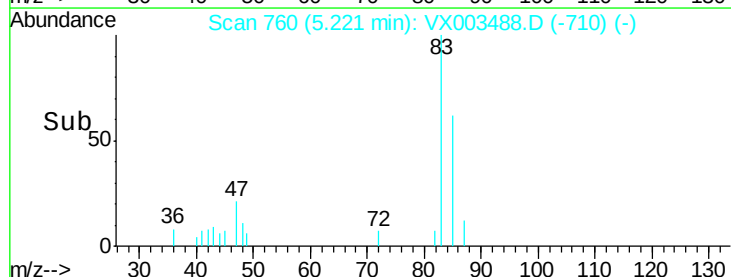
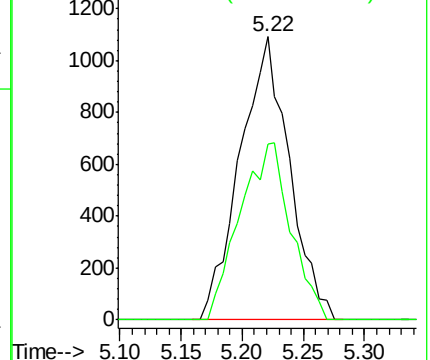
83 100

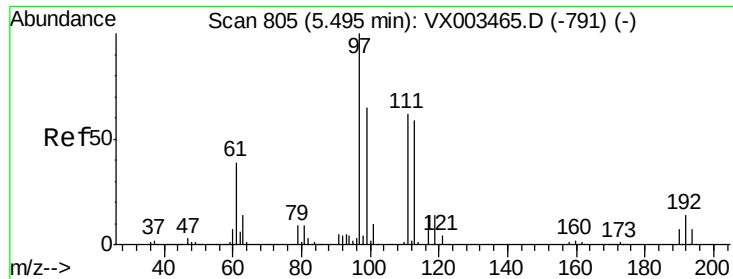
85 62.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.42 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

Instrument :

MSVOA_X

ClientSampled :

RE125D2-071118

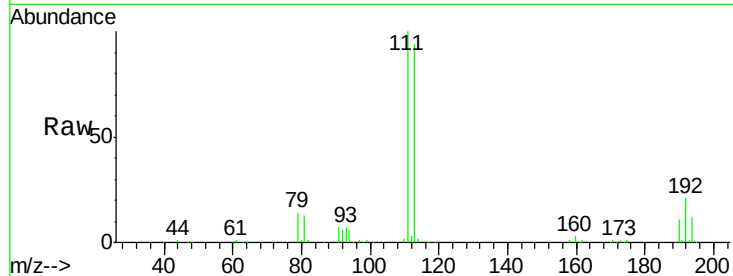
Tot Ion: 97 Resp: 2265

Ion Ratio Lower Upper

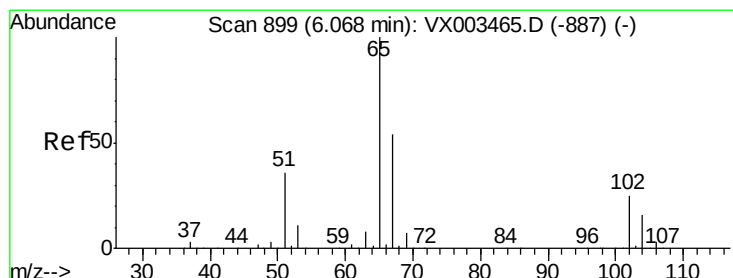
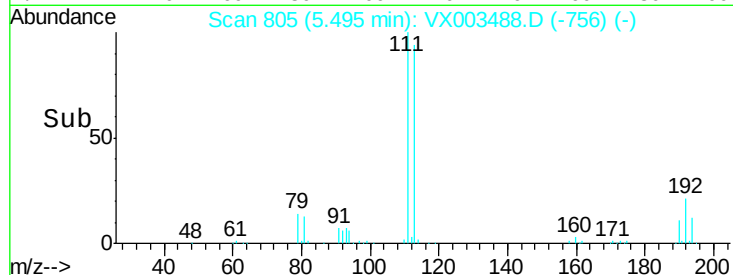
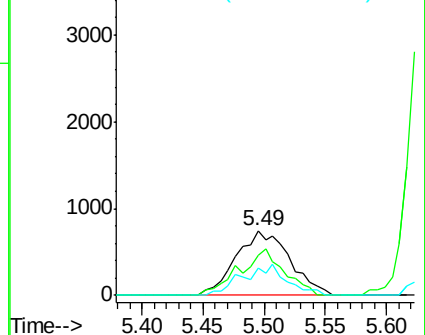
97 100

99 0.0 51.6 77.4#

61 39.7 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003488.D

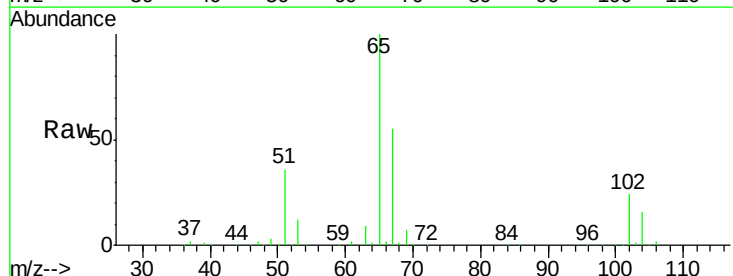
Acq: 20 Jul 2018 02:46

Tgt Ion: 65 Resp: 185611

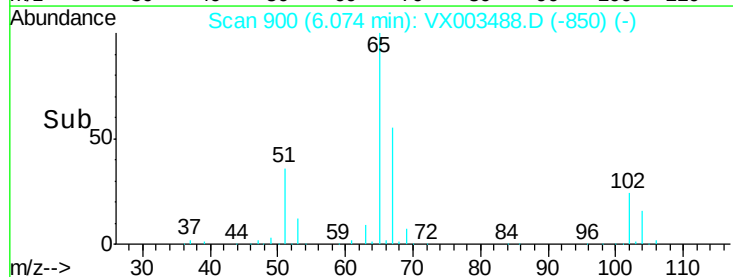
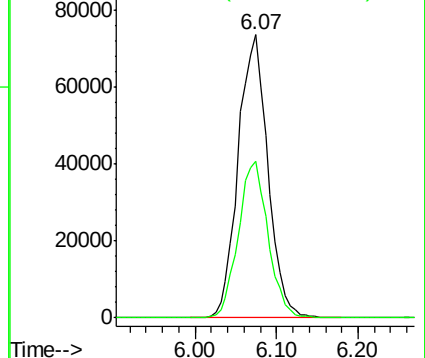
Ion Ratio Lower Upper

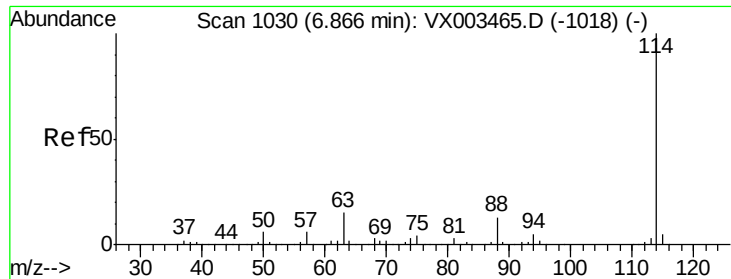
65 100

67 55.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

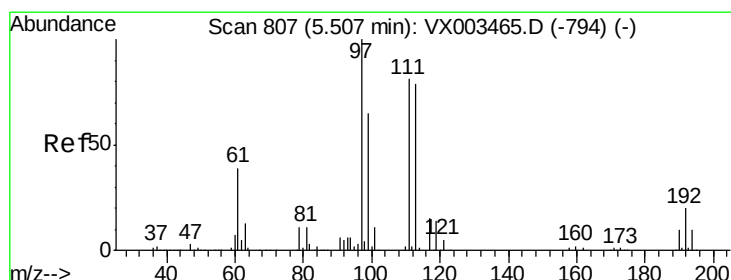
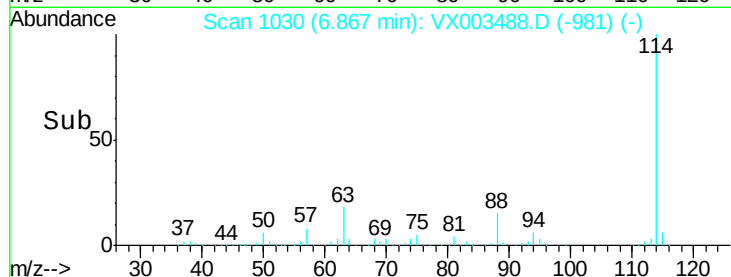
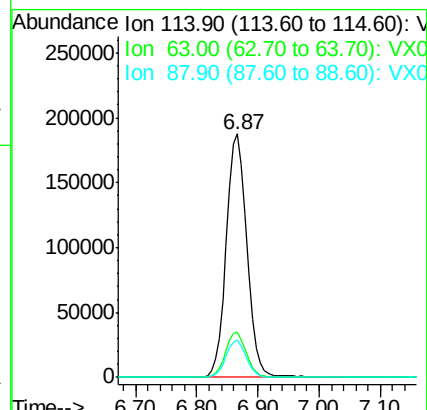
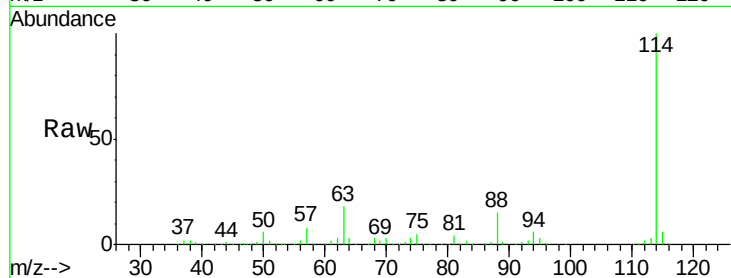




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003488.D
 Acq: 20 Jul 2018 02:46

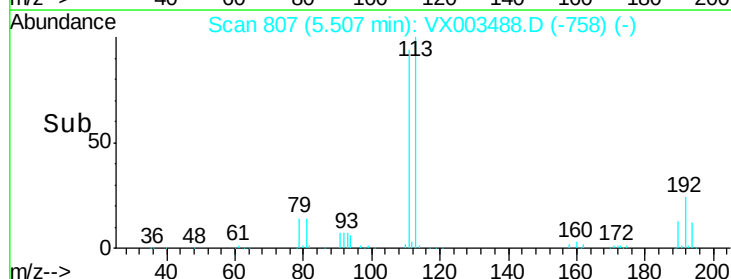
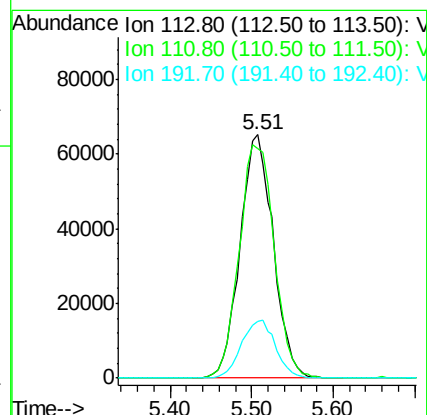
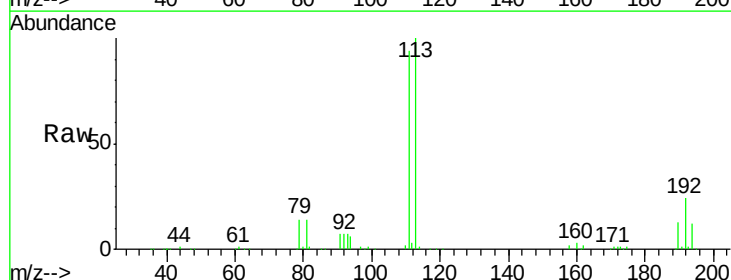
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-071118

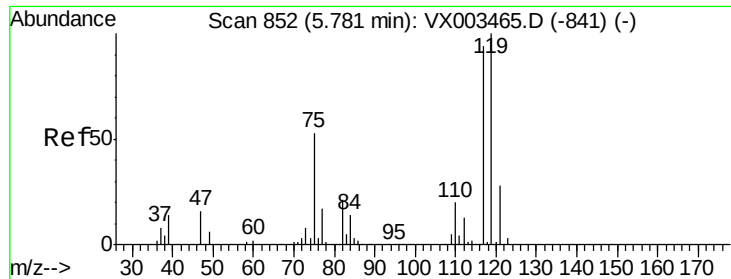
Tot Ion:114 Resp: 438924
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.4
 88 15.2 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 54.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003488.D
 Acq: 20 Jul 2018 02:46

Tgt Ion:113 Resp: 183798
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 24.5 19.1 28.7





#38

Carbon Tetrachloride

Concen: 0.36 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003488.D

Acq: 20 Jul 2018 02:46

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-071118

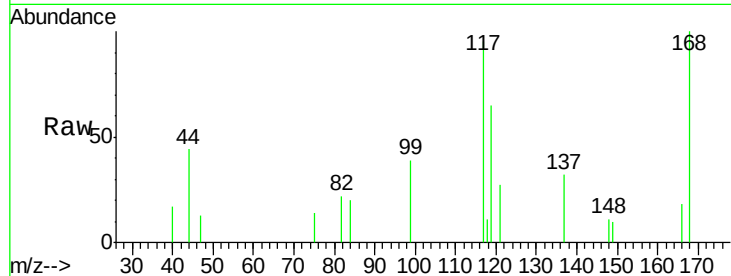
Tot Ion:117 Resp: 1661

Ion Ratio Lower Upper

117 100

119 68.7 77.4 116.0#

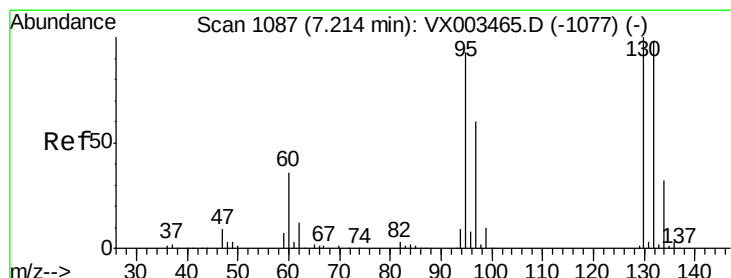
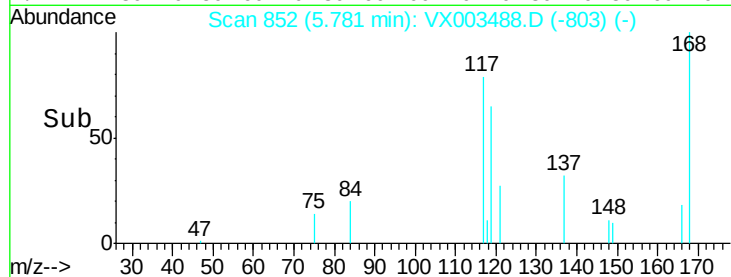
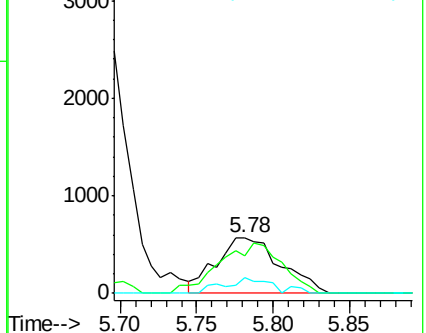
121 28.5 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 120.52 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003488.D

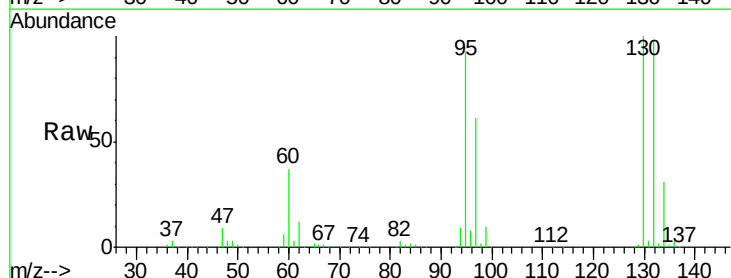
Acq: 20 Jul 2018 02:46

Tgt Ion:130 Resp: 514261

Ion Ratio Lower Upper

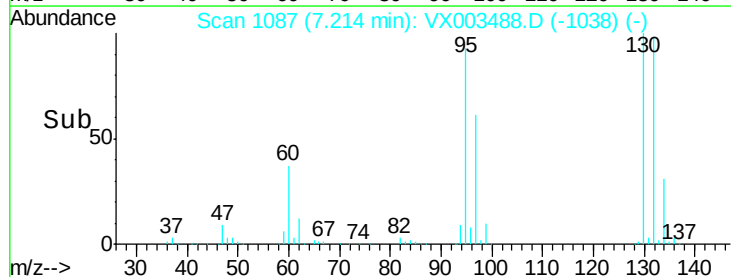
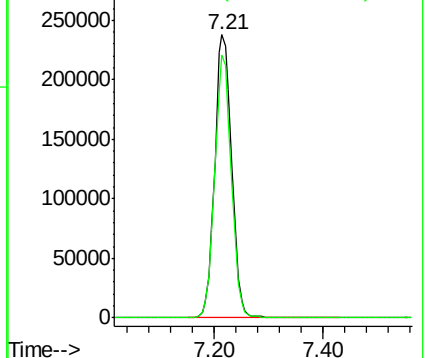
130 100

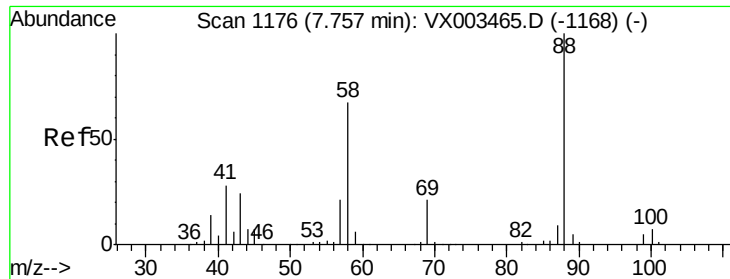
95 92.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

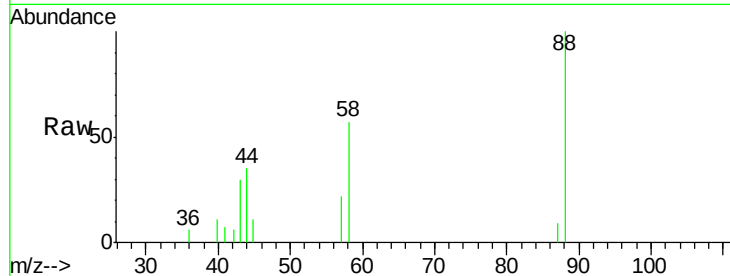




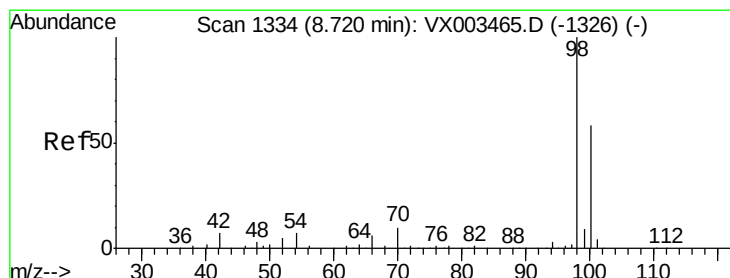
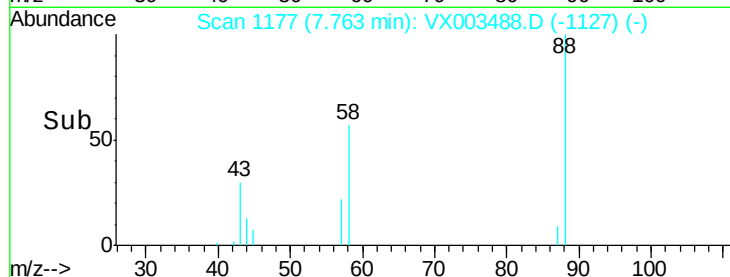
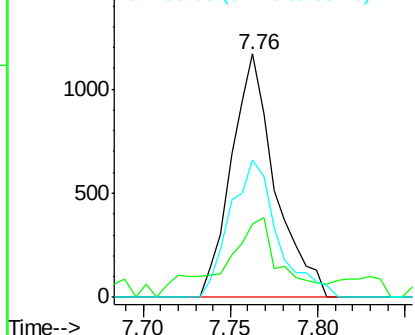
#49
1,4-Dioxane
Concen: 24.88 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-071118

Tot Ion: 88 Resp: 2028
Ion Ratio Lower Upper
88 100
43 43.0 29.8 44.6
58 61.6 57.1 85.7

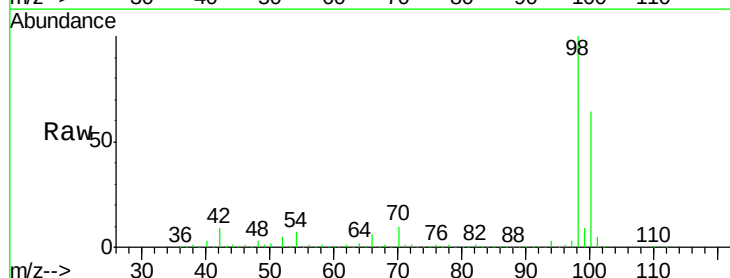


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

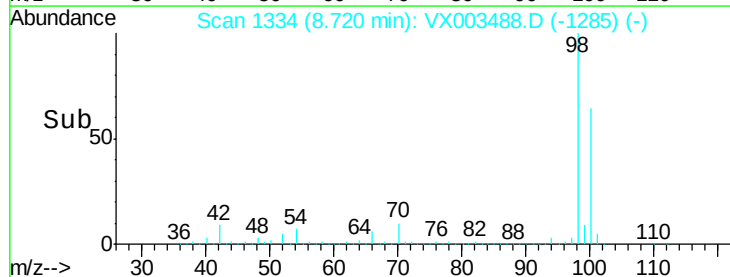
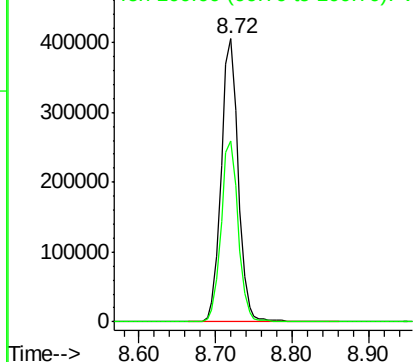


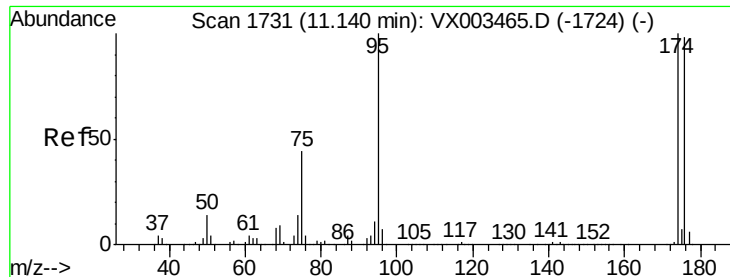
#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

Tgt Ion: 98 Resp: 625253
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

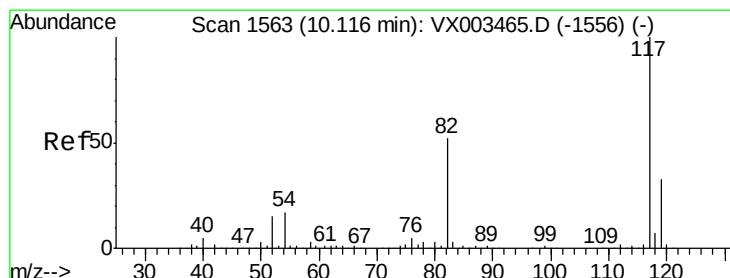
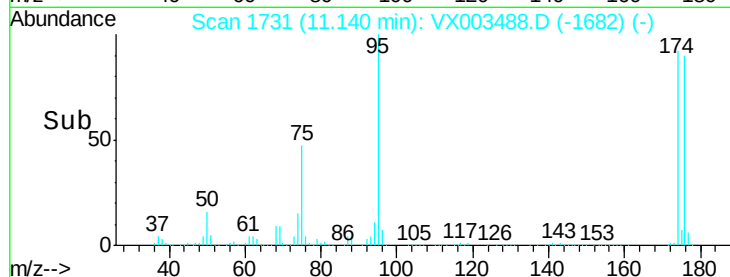
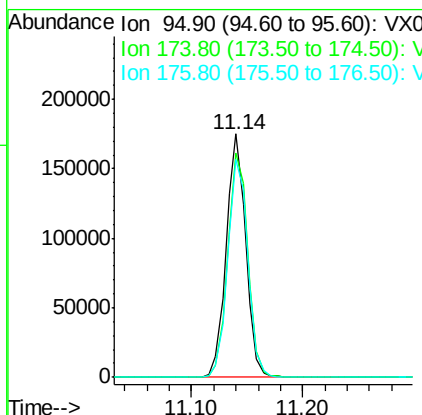
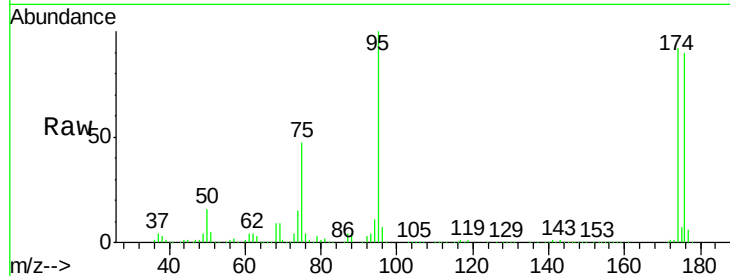




#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

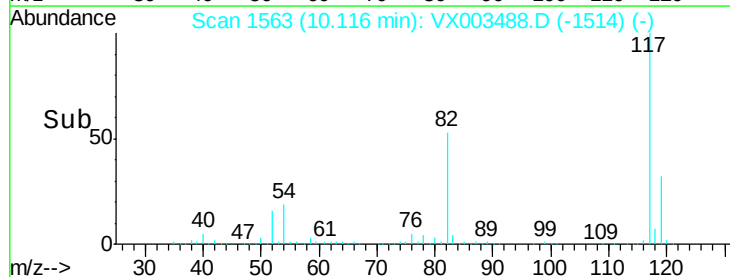
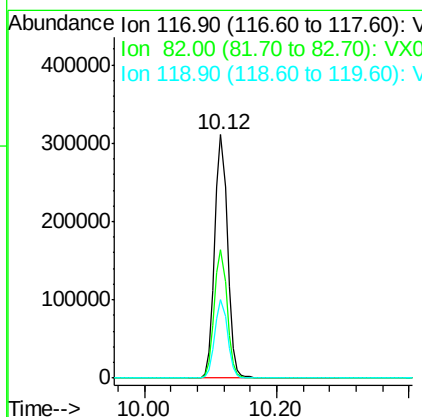
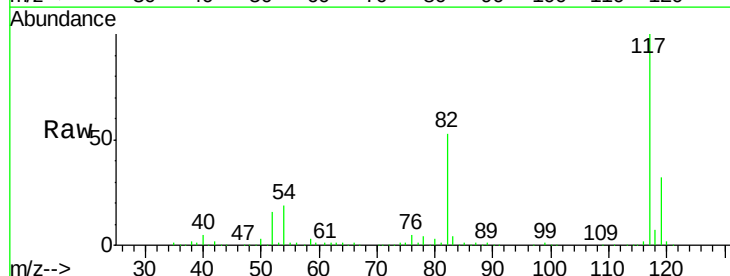
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-071118

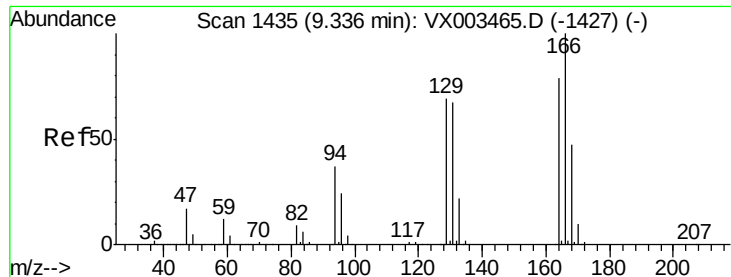
Tot Ion: 95 Resp: 211959
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.4
176 92.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

Tgt Ion: 117 Resp: 414355
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.2 25.8 38.6

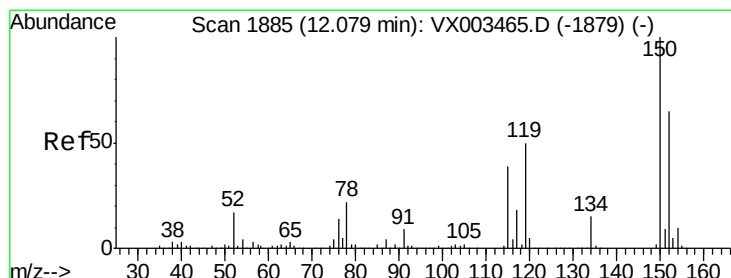
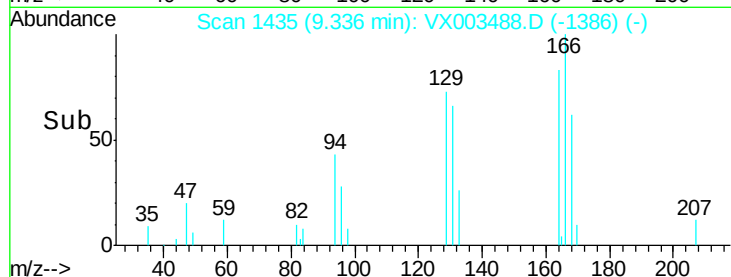
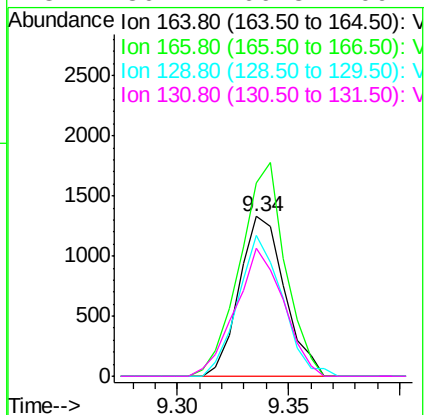
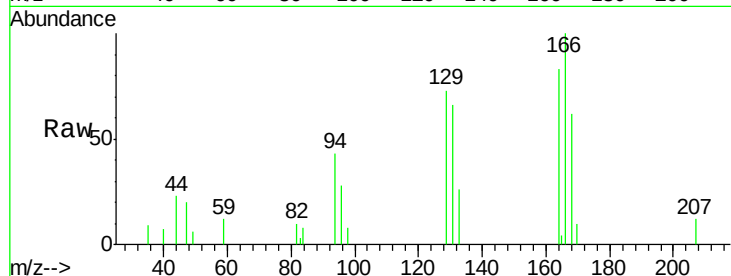




#64
Tetrachloroethene
Concen: 0.37 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-071118

Tot Ion:164 Resp: 1884
Ion Ratio Lower Upper
164 100
166 120.7 102.9 154.3
129 88.6 68.6 102.8
131 80.2 66.8 100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003488.D
Acq: 20 Jul 2018 02:46

Tgt Ion:152 Resp: 223684
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.7 0.0 347.2

